

DLT Switch Matrix Board with LED Cable Pressure Monitoring & Control System



Introduction

The MT580503 board is an advanced switch matrix board which is used to replace the Sparton 530503/LED board in 5300 cable pressure monitoring and control system to switch and select transducer inputs to measure air pressure, flow and Toll/Trunk cable w/contactors.

Features

- Direct plug-in replacement for existing Sparton 530503/LED board.
- Compatible with dedicated line transducers, Toll/Trunk cable w/contactors.
- Provides physical connection with the 36 DLT inputs to the 580502 DLT bus interface board.
- 36 DLT inputs provided.
- Support bus connection, up to 3 boards.
- LED indicators
- High reliability

Contact:

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General Characteristics

The MT580503 board is an advanced switch matrix board which is used to replace the Sparton 530503/LED switch matrix board in 5300 cable pressure monitoring and control system. It can provide physical connection with the 36 DLT inputs to the 580502 DLT bus interface board, and fully compatible with all dedicated line transducers and toll/trunk cable with contactors to measure air pressure, flow and TTCC. Up to 3 pieces of MT580503 boards on one bus can be controlled by a 580502 board to switch and select up to 108 dedicated line transducer inputs. In respect of use, the MT580503 board fully simulates the Sparton board's signals so that it can directly replace the existing Sparton board without any change and make itself easy to use.

Technical Characteristics

Control	
Controller	<ul style="list-style-type: none"> DLT bus interface board 580502
Environmental Conditions	
Temperature <ul style="list-style-type: none"> Continuous Operation Transportation and storage 	<ul style="list-style-type: none"> 0° to +50° C -40° to +70° C
Relative Humidity	<ul style="list-style-type: none"> 0 to 95% non-condensing
Power	
Input Voltage	<ul style="list-style-type: none"> 5VDC powered inside 5300 rack
Power Consumption	<ul style="list-style-type: none"> 2 Watts Maximum
Physical Properties	
Size	<ul style="list-style-type: none"> 202 x 146mm PCB
Measurement	
Input	<ul style="list-style-type: none"> 36 DLT inputs

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MT580503 Issue 1